



TOHATSU AMERICA CORPORATION

FLAT RATE LIST
EFFECTIVE FEBRUARY 1, 2018 (Updated 12/14/18)

CLASSIFICATION	CODE NO.	DESCRIPTION WORK	F2.5B	F4C	F5C	F8B	F9.9D	F9.9E	F25C	F40A	TLDI	TLDI	TLDI	
			F3.5B	F5C F6C	LPG	F9.8B	F15D F20D	F15E F20E	F30C	F50A	40B2 50B2	75C2 90C2	115A2	
A	TOTAL													
	DISASSEMBLE	A-1	POWER UNIT DISASSEMBLE AND ASSEMBLE	2.0	3.0	3.0	3.9	4.0	4.0	4.3				
		A-2	POWER UNIT DISASSEMBLE AND ASSEMBLE(ELECTRIC MODEL)				4.1	4.1	4.1	4.5	4.8	4.0	5.7	6.7
		A-3	LOWER UNIT DISASSEMBLE AND ASSEMBLE	1.1	1.2	1.2	1.3	1.4	1.4	1.6		1.8		
		A-4	LOWER UNIT DISASSEMBLE AND ASSEMBLE(P-T/T MODEL)				1.3	1.4	1.4	1.6	2.1	1.8	2.4	2.8
		A-5	ENGINE SHORT BLOCK REPLACEMENT	1.1	1.5	1.5	1.8	2.2	2.3	2.6				
	A-6	ENGINE SHORT BLOCK REPLACEMENT(ELECTRIC MODEL)				1.9	2.4	2.5	2.8	3.0	3.4	4.2	5.2	
B	UPPER SECTION	B-1	POWER UNIT REPLACEMENT	0.3	0.6	0.6	0.7	0.7	0.8	0.9				
		B-2	POWER UNIT REPLACEMENT(ELECTRIC MODEL)				0.8	0.9	1.0	1.1	1.1	1.2	1.3	1.5
		B-3	CYLINDER CRANKCASE	1.6	1.8	1.8	2.0	2.2	2.3	2.6				
		B-4	CYLINDER CRANKCASE(ELECTRIC MODEL)					2.5	2.6	2.8	3.5	3.7	4.5	5.2
		B-5	CYLINDER HEAD GASKET		0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	1.0
		B-6	CYLINDER HEAD COVER GASKET (TLDI)									0.6	0.7	1.0
		B-7	THERMOSTAT	0.1	0.1	0.1	0.1	0.3	0.3	0.2	0.2	0.3	0.3	0.3
		B-8	CRANKSHAFT ASS'Y	1.6	1.8	1.8	3.3	3.5	3.5	3.5	3.7	3.1	4.3	6.0
		B-9	PISTON & PISTON RING	1.6	1.7	1.7	3.3	3.5	3.5	3.8	4.0	3.2	4.3	6.0
		B-10	ENGINE BASE GASKET				0.6	0.6	0.6	0.6				
		B-11	ENGINE BASE GASKET(ELECTRIC MODEL)				0.8	0.6	0.8	0.8	1.1	0.8	1.0	1.2
		B-12	DRIVE SHAFT HOUSING GASKET	0.5	0.7	0.7				1.5	1.5	1.4	1.4	1.5
		B-13	EXHAUST COVER GASKET				0.6	0.6	0.6	0.6	0.6	0.9	1.0	1.2
		B-14	OIL SEAL & CRANK CASE HEAD	0.6	0.8	0.8						1.1	1.2	1.3
		B-15	MAIN BEARING		2.0	2.0	3.3	3.6	3.6	4.0	3.7	3.7	4.8	5.5
		B-16	GASKET (SEAL) CYLINDER HEAD COVER (4STR)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
		B-17	ROCKER ARM	0.2	0.3	0.3	0.6	0.7	0.6	1.0	1.5			
		B-18	VALVE SPRING	0.8	0.8	0.8	1.0	1.0	1.0	1.2	1.7			
		B-19	VALVE CLEARANCE	0.9	0.9	0.9	1.2	1.3	1.3	1.5	1.5			
		B-20	INTAKE / EXHAUST VALVE	1.0	1.0	1.0	1.2	1.3	1.3	1.5	1.7			
		B-21	PUSH ROD	0.3	0.6	0.6								
		B-22	CONNECTING ROD	1.3	1.7	1.7	2.5	2.8	2.8	3.5	3.5			
		B-23	CAM SHAFT	1.0	1.2	1.2	1.4	1.5	1.5	1.7	1.8			
		B-24	OIL PAN	1.6	1.7	1.7								
		B-25	GASKET OIL PAN	1.5	1.5	1.5		1.2	1.2					
		B-26	OIL PUMP		0.5	0.5	0.8	0.8	0.8	1.0	1.2			
		B-27	OIL PLUNGER		0.5	0.5	1.0	1.0		1.2				
		B-28	OIL STRAINER		1.5	1.5	1.0	1.0	1.0	1.6	1.2			
		B-29	DRIVEN PULLEY				0.4	0.5	0.5	0.6	0.6			
		B-30	TIMING BELT				0.4	0.4	0.4	0.5	0.5			

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			F3.5B	F5C F6C	LPG	F9.8B	F15D F20D	F15E F20E	F30C	F50A	40B2 50B2	75C2 90C2	115A2

C	RECOIL STARTER	C-1	RECOIL STARTER ASS'Y	0.1	0.1	0.1	0.1	0.2	0.2	0.2			
		C-2	STARTER SPRING	0.3	0.3	0.3	0.4	0.4	0.4	0.4			
		C-3	STARTER ROPE	0.3	0.4	0.4	0.4	0.5	0.5	0.7			
		C-4	RATCHET	0.2	0.2	0.2	0.3	0.5	0.5	0.5			
		C-5	STARTER REEL	0.6	0.7	0.7	0.7	1.0	1.0	1.0			

D	INTEGRAL TANK	D-1	INTEGRAL TANK	0.2	0.4									
		D-2	FUEL COCK	0.1	0.1									
		D-3	FUEL GAUGE / HOUSING		0.2		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	SEPARATE TANK	D-4	PRIMER BULB		0.1		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		D-5	FUEL CONNECTOR A / B		0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
		D-6	FUEL PIPE		0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

E	CARBURETOR	E-1	CARBURETOR ASS'Y/MIXER	0.2	0.3	0.3	0.4	0.4						
		E-2	CARBURETOR INNER PARTS	0.3	0.4	0.4	0.6	0.6						
		E-3	REED VALVE (ONE)									1.0	1.0	1.2
		E-4	CARBURETOR ADJUSTMENT (LINK&WIRE)	0.2	0.2	0.2	0.2	0.3						

F	FUEL SYSTEM	F-1	FUEL PUMP ASS'Y	0.2	0.2		0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
		F-2	DIAPHRAGM		0.5		0.5					0.6	0.6	0.6
		F-3	FUEL FILTER		0.1		0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.4
		F-4	REGULATOR ASSY			0.4								
		F-5	SHUT-OFF VALVE ASSY			0.3								

G	GEAR CASE	G-1	LOWER UNIT ASS'Y	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7
		G-2	PROPELLER SHAFT HOUSING	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6
		G-3	O-RING PROPELLER SHAFT HOUSING	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
		G-4	PROPELLER SHAFT	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9
		G-5	CLUTCH DOG	0.6	0.8	0.8	0.8	0.8	0.8	0.8	1.1	1.1	1.1	1.1
		G-6	OIL SEAL PROPELLER SHAFT HOUSING	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8
		G-7	BEARING DRIVE SHAFT HOUSING	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
		G-8	GEAR C		0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8
		G-9	GEAR B	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9
		G-10	GEAR A	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8
		G-11	BEARING GEAR A	0.7	0.8	0.8	0.8	0.9	0.9	0.9	1.1	1.1	1.2	1.2
		G-12	GEAR C·B·A	0.8	0.9	0.9	0.9	0.9	0.9	0.9	1.2	1.2	1.3	1.3
		G-13	DRIVE SHAFT	0.9	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4
		G-14	OIL SEAL DRIVE SHAFT	1.0	1.2	1.2	1.2	1.3	1.3	1.3	1.4	1.4	1.5	1.5
		G-15	BEARING DRIVE SHAFT	1.0	1.1	1.1	1.1	1.3	1.3	1.3	1.4	1.4	1.5	1.5
		G-16	O-RING CAM ROD BUSHING	0.7	0.7	0.7	0.7	0.8	0.8	0.8	1.0	1.0	1.0	1.0
		G-17	CLUTCH CAM	0.7	0.7	0.7	0.7	0.8	0.8	0.8	1.0	1.0	1.0	1.0

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			F3.5B	F5C F6C	LPG	F9.8B	F15D F20D	F15E F20E	F30C	F50A	40B2 50B2	75C2 90C2	115A2	
	G-18	PROPELLER NUT	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	
H	WATER PUMP	H-1	PUMP CASE	0.5	0.5	0.5	0.5	0.7	0.7	0.8	0.8	0.8	1.0	1.0
		H-2	PUMP IMPELLER	0.5	0.5	0.5	0.5	0.7	0.7	0.8	0.8	0.8	1.0	1.0
		H-4	WATER PIPE	0.6	0.9	0.9	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.5
I	DRIVE SHAFT HOUSING	I-1	DRIVE SHAFT HOUSING	1.0	1.2	1.2	1.5	1.5	1.5	1.8	2.4	2.4	2.5	2.5
		I-2	MOUNT RUBBER UPPER				0.6	0.8	0.8	2.0	2.0	2.2	2.3	2.3
		I-3	MOUNT RUBBER LOWER				0.3	0.6	0.6	0.6	0.8	0.8	0.8	0.8
		I-4	DAMPER RUBBER UPPER					0.8	0.8	0.8	2.0	2.2	2.3	2.3
		I-5	BUSHING STEERING SHAFT		0.4	0.4								
		I-6	STEERING SHAFT				1.5	1.5	1.5	2.0	2.0	2.0	3.3	3.3
		I-7	PIVOT BUSHING (STEERING BUSHING)	0.3										
		I-8	SWIVEL BRACKET	0.5	0.5	0.5	1.6	1.6	1.6	2.1		2.2		
		I-9	SWIVEL BRACKET(P-T/T MODEL)					1.6	1.6	2.1	2.4	2.4	3.2	3.2
		I-10	STERN BRACKET	0.2	0.2	0.2	0.3	0.5	0.5	0.5		0.7		
		I-11	STERN BRACKET(P-T/T MODEL)				0.5	0.7	0.7	0.7	0.7	0.7	1.0	1.0
		I-12	REVERSE LOCK		0.3	0.3	0.4	0.5	0.5	0.5		0.5		
		I-13	TILT STOPPER		0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.5		
		I-14	FRICTION PLATE	0.2	0.6	0.6								
		I-15	IDLE- EXHAUST PASSAGE(PORTCOVER)				0.3	0.3	0.3	0.3	0.3		0.3	0.3
J	TILLER HANDLE	J-1	TILLER HANDLE ASS'Y	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5		
		J-2	HANDLE GRIP	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2		
		J-3	THROTTLE SHAFT A	0.3	0.3	0.3	0.3	0.3	0.3	0.3		0.3		
		J-5	THROTTLE CABLE	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.5		
K	MOTOR COVER	K-2	TILT HANDLE/AIR GUIDE	0.1				0.1	0.1	0.1	0.2	0.2	0.2	0.2
		K-3	FILLER LID (OIL TANK COVER)									0.2	0.2	0.2
		K-4	MOTOR COVER LOWER/DRIVE SHAFT HOUSING COVER	0.8	0.9	0.9	1.0	1.3	0.4	1.4	1.6	1.6	1.6	1.8
		K-5	HOOK LEVER/COWL LATCH	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
		K-6	SHIFT LEVER	0.5	0.5	0.5	0.5	0.3	0.1	0.4		0.4		
		K-7	SHIFT ROD	0.4	0.5	0.5	1.5	1.5	1.5	1.5	0.6	0.6	0.6	0.6
		K-8	STOPPER SHIFT LEVER				0.1	0.1	0.2	0.1	0.1	0.2	0.2	
		K-9	CHOKE LEVER	0.1	0.1	0.1	0.1	0.1						
		K-10	POWER TRIM & TILT SWITCH				0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3
		K-11	TOP COWL SEAL	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.3	0.3	0.3
		L	ELECTRIC	L-1	FLYWHEEL MAGNETO ASS'Y	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.5
L-2	COIL PLATE (BRACKET) ASS'Y							0.6	0.6	0.6	0.6	0.6	0.6	0.6
L-3	EXCITER COIL						0.5							
L-4	PULSER COIL						0.5	0.5						

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			F3.5B	F5C F6C	LPG	F9.8B	F15D F20D	F15E F20E	F30C	F50A	40B2 50B2	75C2 90C2	115A2
	Q-9	GAS SHOCK ABSORBER							0.8	0.8	0.8		
	Q-10	CYLINDER PIN (UPPER/LOWER)				0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.6

R	TLDI PARTS FI PARTS	CODE NO.	DESCRIPTION WORK	F2.5B	F4C	F5C	F8B	F9.9D	F9.9E	F25C	F40A	TLDI	TLDI	TLDI
				F3.5B	F5C F6C	LPG	F9.8B	F15D F20D	F15E F20E	F30C	F50A	40B2 50B2	75C2 90C2	115A2
		R-1	AIR RAIL									1.0	1.0	1.1
		R-2	AIR INJECTOR ASS'Y									0.6	0.6	0.7
		R-3	FUEL RAIL						0.2	0.2	0.2			
		R-4	FUEL INJECTOR ASS'Y						0.3	0.3	0.3	0.2	0.2	0.2
		R-5	FUEL REGULATOR						0.4	0.2	0.6	0.2	0.2	0.3
		R-6	AIR REGULATOR									0.1	0.1	0.1
		R-7	AIR HOSE, ASS'Y									0.6	0.6	0.6
		R-8	FUEL HOSE ASS'Y						0.2	0.2		0.2	0.2	0.2
		R-9	VAPOR SEPARATOR ASS'Y						0.3	0.3	0.5	0.3	0.3	0.3
		R-10	THROTTLE BODY ASS'Y						0.3	0.3	0.2	0.5	0.5	0.5
		R-11	F F P (FUEL FEED PUMP) ASS'Y						0.4	0.4	0.6	0.3	0.3	0.3
		R-12	F F P (FUEL FEED PUMP) CARTRIDGE									0.7	0.7	0.7
		R-13	T P S (THROTTLE POSITION SENSOR) ASS'Y (SEE NOTE 1)									0.5	0.5	0.5
		R-14	ECU (ENGINE CONTROL UNIT) ASS'Y (SEE NOTE 2)						0.2	0.4	0.4	0.4	0.4	0.4
		R-15	CORD ASS'Y						0.8	1.4	1.4	1.6	1.3	1.2
		R-16	AIR COMPRESSOR ASS'Y									0.4	0.4	0.4
		R-17	AIR COMPRESSOR DISASSEMBLE AND ASSEMBLE									1.2	1.2	1.2
		R-18	CRANK POSITION SENSOR						0.5	0.6	0.6	0.6	0.6	0.6
		R-19	WATER/ENGINE TEMPERATURE SENSOR						0.1	0.1	0.1	0.1	0.1	0.1
		R-20	DRIVE BELT									0.5	0.6	0.6
		R-21	M.A.P (MAP SENSOR) ASS'Y						0.1	0.1	0.1	0.2	0.2	0.2
		R-22	M.A.T (MAT SENSOR) ASS'Y						0.1	0.1	0.1	0.2	0.2	0.2
		R-23	I.S.C VALVE ASS'Y						0.3	0.4	0.2			
		R-24	L.E.D (WARNING LAMP)		0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2		
		R-25	FUEL COOLER ASS'Y							0.1				
		R-26	HIGH-PRESSURE FUEL FILTER ASS'Y							0.2		0.2	0.2	0.2

Notes) *1 :Including the cable adjusting and resetting
*2 :Including the TPS resetting

X	JET DRIVE	CODE NO.	DESCRIPTION WORK	F2.5B	F4C	F5C	F8B	F9.9D	F9.9E	F25C	F40A	TLDI	TLDI	TLDI
				F3.5B	F5C F6C	LPG	F9.8B	F15D F20D	F15E F20E	F30C	F50A	40B2 50B2	75C2 90C2	115A2
		X-1	JET DRIVE DISASSEMBLE AND ASSEMBLE									1.8		
		X-2	JET DRIVE HOUSING ASS'Y									0.5		
		X-3	INTAKE HOUSING ASS'Y									0.3		
		X-4	IMPELLER & IMPELLER INNER									0.5		
		X-5	WATER PUMP CASE									0.8		
		X-6	WATER PUMP IMPELLER									0.8		
		X-7	WATER PIPE									1.2		
		X-8	DRIVE SHAFT									1.2		
		X-9	REVERSE GATE									0.3		
		X-10	LINK ROD (CABLE)									0.1		



TOHATSU AMERICA CORPORATION

FLAT RATE LIST - BFT MODELS

EFFECTIVE FEBRUARY 1, 2018

CLASSIFICATION	CODE NO.	DESCRIPTION WORK	BFT60A BFTW60A BFT75A BFT90A	BFT115A BFT150A	BFT200A BFT225A	BFT250A
ENGINE UPPER	110101	OUTBOARD MOTOR REMOVE AND REINSTALL	1.5	1.4	1.4	1.4
	110900	POWER HEAD (REMOVE AND REINSTALL)	7.5	7.5	8.5	8.5
	110126	CRANKSHAFT BEARING POWER HEAD REMOVE AND REINSTALL INCLUDED	10.7	11	14	14
	110130	CRANKSHAFT OIL SEAL - LOWER SIDE POWER HEAD REMOVE AND REINSTALL INCLUDED	8	8	8.5	8.5
	110131	CRANKSHAFT OIL SEAL - UPPER SIDE ENGINE REMOVAL NOT REQUIRED	2.2	0.4	2.7	2.7
	110132	CRANKSHAFT OIL SEAL - BOTH (UPPER AND LOWER SIDE) POWER HEAD REMOVE AND REINSTALL INCLUDED	8.5	8.5	10	10
	110136	BALANCER SHAFT BEARING (ALL)		7.5		
	110155	CRANKSHAFT TIMING PULLEY(S) OR SPROCKET(S) ENGINE REMOVAL NOT REQUIRED	2.3	3.3	2	2
	1101A0	CYLINDER-CRANKCASE ASSEMBLY/SHORT BLOCK POWER HEAD REMOVE AND REINSTALL INCLUDED	11	11.8	13.5	13.5
	1101F0	CRANKSHAFT POWERHEAD REMOVE AND REINSTALL INCLUDED	10.7	11	14	14
	1101B7	CRANKCASE COVER		7.7	7.7	7.7
	1101B9	PACKING EXTENSION OIL COVER			0.3	0.3
	1101J1	REAR BALANCER SHAFT		7.2		
	1101J2	FRONT BALANCER SHAFT		7.2		
	111109	VALVE, GUIDE, SPRING, OR SEAL	7.1	7.6		
	111124	CAMSHAFT DRIVEN PULLEY	2.3	2.7		
	111127	CAMSHAFT OIL SEAL			1.4	1.4
	111160	ROCKER ARM OR ROCKER ARM SHAFT	4.3	4.3	4.1	4.1
	1111C2	CAMSHAFT	4.5	4.8		
	1111D4	CYLINDER HEAD COVER AND/OR GASKET (ONE)	0.8	0.8	1.5	1.5
	1111E6	SPOOL VALVE, SPOOL VALVE FILTER	0.3	0.5	0.5	0.5
	1111F2	CYLINDER HEAD REBUILD- LEFT BANK			7.8	7.8
	1111F3	CYLINDER HEAD REBUILD- RIGHT BANK			7.6	7.6
	1111L4	CYLINDER HEAD REBUILD- BOTH BANKS			12.8	12.8
	1111L5	CYLINDER HEAD COVER AND/OR GASKET (BOTH)			1.9	1.9
	1111M4	CYLINDER HEAD ASSEMBLY-LEFT BANK			3.6	3.6

CLASSIFICATION	CODE NO.	DESCRIPTION WORK	BFT60A	BFT115A BFT150A	BFT200A BFT225A	BFT250A
			BFTW60A BFT75A BFT90A			
	1111M5	CYLINDER HEAD ASSEMBLY-RIGHT BANK			3.4	3.4
	1111M6	CYLINDER HEAD ASSEMBLY- ALL	4.2	4.6	4.8	4.8
	1111N6	TIMING BELT/CHAIN	2.1	2.2	2	2
	1111R1	PISTON AND/OR RING SET AND/OR BEARING AND/OR ROD (ONE CYLINDER)	11.6	11.8	14.5	14.5
	1111R1B	PISTON AND/OR RING SET AND/OR BEARING AND/OR ROD (TWO CYLINDERS)	12	12.2	14.9	14.9
	1111R1C	PISTON AND/OR RING SET AND/OR BEARING AND/OR ROD (THREE CYLINDERS)	12.4	12.6	15.3	15.3
	1111R1D	PISTON AND/OR RING SET AND/OR BEARING AND/OR ROD (FOUR CYLINDERS)	12.8	13	15.7	15.7
	1111R1E	PISTON AND/OR RING SET AND/OR BEARING AND/OR ROD (FIVE CYLINDERS)			16.1	16.1
	1111R1F	PISTON AND/OR RING SET AND/OR BEARING AND/OR ROD (SIX CYLINDERS)			16.5	16.5
	1111S7	CAMSHAFT PULLEY - LEFT BANK			1.2	1.2
	1111S8	CAMSHAFT PULLEY- RIGHT BANK			1.2	1.2
	1111T7	CAMSHAFT - LEFT BANK			4.8	4.8
	1111T8	CAMSHAFT - RIGHT BANK			4.6	4.6

OIL PAN	113200	OIL PUMP REBUILD POWERHEAD REMOVE AND REINSTALL INCLUDED FOR BFT115A-BFT225A	3.6	8.5	10.5	10.5
	113205	OIL PUMP ASSEMBLY REPLACEMENT POWERHEAD REMOVE AND REINSTALL INCLUDED FOR BFT115A-BFT225A	3.5	5.6	7.5	7.5
	1131B5	OIL PICKUP STRAINER	2.2	2.5	2.5	2.5
	1131C1	OIL PAN OR OIL PAN GASKET	2.1	2.5	2.5	2.5

WATER PUMP	114105	WATER PUMP IMPELLER, LINER, OR HOUSING	1	1	1.1	1.1
	114130	WATER PRESSURE RELIEF VALVE	0.6	0.6	0.6	0.6
	114135	FRESH WATER FLUSH VALVE	0.5	0.5	0.5	0.5
	114138	WATER RETURN HOSE(BOTH)			0.7	0.7
	114140	WATER RELIEF HOSE (BOTH)		0.4	0.6	0.6
	1141A6	THERMOSTAT COVER OR GASKET		0.3	0.8	0.8
	1141J1	LOWER WATER TUBE (LEFT)			0.5	0.5
	1141J2	LOWER WATER TUBE (RIGHT)			0.7	0.7
	1141M0	THERMOSTAT ASSEMBLY	0.2			
	1141M1	HEAD (THERMOSTAT)	0.2			

CLASSIFICATION	CODE NO.	DESCRIPTION WORK	BFT60A BFTW60A BFT75A BFT90A	BFT115A BFT150A	BFT200A BFT225A	BFT250A
	1141M3	BLOCK (THERMOSTAT)	0.2			

OIL CASE	117125	MOUNT CASE	6.5	7.2	9	9
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GEAR CASE	210120	SHIFT SHAFT INCLUDES POWERHEAD REMOVAL FOR BFT75-BFT225A	6	6	7	7
	210168	SHIFT ROD A AND/OR B	0.9	0.9	0.9	0.9
	2101A5	SHIFT SHAFT ARM	0.6	0.3	0.7	0.7
	210200	GEAR CASE REBUILD	3.8	3.8	3.8	3.8
	2102D3	GEAR CASE ASSEMBLY	0.8	0.9	0.9	0.9

BLADE/FLYWHEEL	2161A9	FLYWHEEL BOSS		5.6	6.6	6.6
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VERTICAL SHAFT / PROPELLER	219100	EXTENSION CASE	1.9	1.9	2	2
	219105	WATER TUBE	1.9	1.9	2.1	2.1
	219115	VERTICAL SHAFT	2.5	2.5	2.5	2.5
	219125	PROPELLER SHAFT	1.5	1.5	1.5	1.5
	219130	PROPELLER SHAFT GASKET OR O-RING	1.1	0.5	1.1	1.1
	219135	PROPELLER	0.2	0.2	0.2	0.2
	219140	PROPELLER SHAFT BEARING,HOLDER,OR SEAL	1.8	1.8	1.8	1.8
	219145	GEAR CASE RESEAL	1.9	1.9	1.9	1.9
	2191B1	VERTICAL SHAFT WATER SEAL (BOTH SIDES)	1.3	1.3	1.3	1.3

FUEL TANK / PUMP	310115	FUEL FILTER/WATER SEPARATOR	0.2	0.4	0.3	0.3
	310120	FUEL PUMP ASSEMBLY-LOW PRESSURE	0.3	0.4	0.4	0.4
	310125	HIGH PRESSURE FUEL PUMP	1.3	0.8	1.9	1.9
	310140	HIGH PRESSURE FUEL FILTER	0.3	0.4	1.3	1.3
	310145	LOW PRESSURE FUEL LINE (ONE OR ALL)	0.8	0.4	1.2	1.2
	310150	HIGH PRESSURE FUEL LINES	0.8	0.6	1.2	1.2
	310155	FUEL VENT TUBES (ONE OR ALL)	1.8	0.5	1.5	1.5
	310160	FUEL CUT SOLENOID			0.4	0.4
	310170	VAPOR SEPARATOR	1.1	0.7	1.6	1.6

FUEL INJECTION	3111A6	MANIFOLD COVER AND/OR PACKING, INTAKE MANIFOLD UPCOVER			1.1	1.1
	3111B6	INTAKE MANIFOLD GASKET	0.8	0.7	1.2	1.2
	3111C4	INTAKE MANIFOLD	0.8	0.7	1.4	1.4
	3111K0	FUEL INJECTORS LEFT BANK			1.8	1.8
	3111K1	FUEL INJECTOS RIGHT BANK			1.7	1.7
	3111K2	FUEL INJECTORS(ALL)	0.6	0.6	2	2

CLASSIFICATION	CODE NO.	DESCRIPTION WORK	BFT60A BFTW60A BFT75A BFT90A	BFT115A BFT150A	BFT200A BFT225A	BFT250A
THROTTLE BODY	312110	ELECTRONIC AIR CONTROL VALVE ASSEMBLY OR GASKET	0.6	0.3	0.3	0.3
	312112	PRESSURE REGULATOR ASSEMBLY, O-RING, OR HOSE	1.1	0.6	1.6	1.6
	312114	AIR TEMP SENSOR OR O-RING	0.4	0.3	0.3	0.3
	312118	THROTTLE BODY ASSEMBLY OR GASKET	0.5	0.8	0.8	0.8
	312120	SILENCER CASE OR GROMMET	0.3	0.3	0.5	0.5
	312122	BREATHER ELEMENT OR BODY	0.3	0.3	0.5	0.5
	312124	BREATHER JOINT OR HOSES	0.5	0.6	1	1
	312126	VACUUM TUBE JOINT, HOSES, OR VACUUM TANK			1.6	1.6
	312130	INJECTOR BASE		0.8	4.9	4.9
	312135	INJECTOR RAIL	0.5	0.6	1.9	1.9
	312145	MAP SENSOR	0.2	0.3	0.3	0.3
	312150	BLOCK TEMPERATURE SENSOR	0.5	0.4	2.9	2.9
	312152	WATER TEMPERATURE SENSOR	0.2	0.4	0.5	0.5
	312155	KNOCK SENSOR	0.7	0.7	3.6	3.6
	312160	HIGH OIL PRESSURE SENSOR	0.4	0.4	2.9	2.9
	312165	LOW OIL PRESSURE SENSOR	0.2	0.4	2.9	2.9
	312170	EXHAUST MANIFOLD WATER TEMPERATURE SENSOR	0.2	0.2	0.2	0.2
	312175	O2 SENSOR	0.2	0.3	0.7	0.7
312180	CRANK/ANGLE SENSOR	0.2	0.5	0.7	0.7	
312185	SENSOR COMP TDC1-TDC2	0.5	0.8	1.4	1.4	
EXHAUST	313110	EXHAUST HEADER PIPE OR GASKET BFT200A/BFT225A INCLUDES 2 PIPES			2.2	2.2
	313126	EXHAUST WATER JACKET COVER, GASKET, OR ANODE	0.7	0.2		
	313130	MANIFOLD		1.3		
	3131C0	EXHAUST MANIFOLD (LEFT)			1.2	1.2
	3131C1	EXHAUST MANIFOLD (RIGHT)			1.1	1.1
	3131K4	EXHAUST ANODE METAL (LEFT)			1	1
	3131K5	EXHAUST ANODE METAL (RIGHT)			1	1
FRAME	410110	UPPER MOUNTS(S) OR HOLDER(S) BFT75/90/115 ONLY INCLUDES POWER HEAD REMOVE AND REINSTALL	4.6	5.5	7.5	8.5
	410111	LOWER MOUNT RUBBER OR BOLT(EACH)	0.3	0.3	0.3	0.3
	410112	LOWER MOUNT CENTER HOUSING	2.7	1.6	1.6	1.6
	410115	TILT ARM OR SHAFT(TILT TUBE OR STEERING TUBE)	1.5	1.5	1.6	1.6
	4101E1	LOWER MOUNTING LEFT COVER (BFT200/225 LA TYPE ONLY)			0.2	0.2
	4101E2	LOWER MOUNTING RIGHT COVER(BFT200/225A LA TYPE ONLY)			0.2	0.2
	4101H7	MOUNTING FRAME	5.6	3	8.1	8.1
	4101W8	UNDER COVER BRACKET(MOUNT)		0.6		

CLASSIFICATION	CODE NO.	DESCRIPTION WORK	BFT60A BFTW60A BFT75A BFT90A	BFT115A BFT150A	BFT200A BFT225A	BFT250A
BODY	413122	ENGINE COVER UPPER(INCLUDES DECAL REPLACEMENT)	0.6	0.6	0.6	0.6
	413123	RIVETED TOP COVER			0.3	0.3
	413125	SWIVEL CASE LINER-UPPER	5.6	3	4	4
	413126	SWIVEL SHAFT	5.6	3	8.1	8.1
	413128	STERN BRACKET-LEFT MAY REQUIRE ENGINE REMOVE AND REINSTALL	1.4	1.4	1.4	1.4
	413129	STERN BRACKET-RIGHT MAY REQUIRE ENGINE REMOVE AND REINSTALL	1.3	1.3	1.3	1.3
	413130	STERN BRACKET- BOTH MAY REQUIRE ENGINE REMOVE AND REINSTALL	1.7	1.7	1.7	1.7
	413135	POWER TILT ASSEMBLY	2.8	2.8	2.8	2.8
	413140	POWER TILT MOTOR (REPAIR OR REPLACE)	3.5	3.5	3.5	3.5
	413150	ENGINE COVER BRACKETS (BFT200/225A ONLY)			1	1
	4131B1	SWIVEL CASE	6	3	5.2	5.2
	4131C5	ENGINE UNDER COVER-LEFT	0.3	0.3	0.4	0.4
	4131C6	ENGINE UNDER COVER-RIGHT	0.4	0.6	0.6	0.6
4131N0	SEPARATE COVER (FRONT, BFT150A ONLY)		0.7			
BATTERY CABLE	610115	STARTING CABLE(S)	0.8	0.8	0.8	0.8
WIRE HARNESS	611110	WIRE HARNESS	2.3	1.9	3.2	3.2
	6111B5	SWITCH/HARNESS CORD			3.5	3.5
STARTER MOTOR	612005	STARTER MOTOR REBUILD (LABOR ONLY) ELECTRIC START MODELS ONLY	1	0.8	0.8	0.8
	612105	STARTER MOTOR ASSEMBLY	0.5	0.5	0.5	0.5
	612205	STARTER MOTOR REBUILD (WITH PARTS)	1.2	0.5	0.8	0.8
CHARGING SYSTEM	613100	CHARGING COIL/AC GENERATOR/ALTERNATOR	1.2	0.5	0.5	0.5
	613105	FLYWHEEL, KEY, OR ROTOR	5.2	5.8	7.4	7.4
	613120	AC GENERATOR REBUILD		1.4	1.4	1.4
	6131B7	RECTIFIER/REGULATOR	0.2	0.8	0.9	0.9
IGNITION SYSTEM	614100	CDI UNIT/ECM	0.5	0.5	0.5	0.5
	614103	MAIN POWER RELAY	0.5	0.5	0.7	0.7
	614105	IGNITION COIL (ONE)	0.2	0.2		
	614105G	IGNITION COIL (EACH ADDT'L USE AS SECONDARY CODE TO 614105)	0.2	0.5		
	614130	SPARK PLUG (ONE)	0.2	0.2		

CLASSIFICATION	CODE NO.	DESCRIPTION WORK	BFT60A	BFT115A BFT150A	BFT200A BFT225A	BFT250A
			BFTW60A BFT75A BFT90A			
	614130G	SPARK PLUG (EACH ADDTL, USE AS SECONDARY CODE TO 614130)	0.1	0.1		
	6141E0	IGNITION COIL HOLE PLUG LEFT BANK, BFT200A/225A ONLY			0.6	0.6
	6141E1	IGNITION COIL HOLE PLUG RIGHT BANK, BFT200A/225A ONLY			0.4	0.4
	6141E2	IGNITION COIL HOLE PLUG, BOTH BANK, BFT200A/225A ONLY			1	1
	6141E4	SPARK PLUG LEFT BANK (CYLINDER 4,5,6), BFT200A/225A ONLY			0.7	0.7
	6141E5	SPARK PLUG RIGHT BANK (CYLINDERS 1,2,3) BFT200A/225A ONLY			0.5	0.5
	6141E6	SPARK PLUG, BOTH BANKS, BFT200A/225A ONLY			1.2	1.2

SWITCHES	615150	NEUTRAL SWITCH	0.6	0.6	0.7	0.7
	6151D9	ENGINE STOP SWITCH	0.2		0.2	0.2
	615165	STARTER SWITCH CONTACTOR		0.6	0.6	0.6

LIGHTS	616143	INDICATOR LAMP ASSEMBLY	0.7	1	1.6	1.6
	616144	IGNITION/COMBINATION SWITCH	0.6	1	1	1
	616145	WARNING BUZZER	0.5	1	1	1
	616149	TILT/TRIM RELAY	1.3	0.5	0.5	0.5
	616150	POWER TILT SWITCH (REMOTE MOUNTED)	0.7	0.6	0.7	0.7
	616151	TRIM ANGLE SENSOR	0.6	0.6	0.7	0.7
	615156	STARTER SWITCH CONTACTOR		0.6	0.6	0.6

REMOTE CONTROL UNIT	622100	CONTROL PANEL ASSEMBLY	1	1	1	1
	622105	HOUSING "A"	0.8	1.2	1.2	1.2
	622110	CONTROL WHEEL ON SHIFT LINK ARM	0.4	0.5	0.5	0.5
	622115	FRICTION ADJUSTING BOLT OR BLOCK	0.7	0.7	0.7	0.7
	622120	LINK JOINT ARM, BRACKET, OR SLIDING PLATE/COLLAR	0.7	0.7	0.7	0.7
	622125	ACCELERATION WHEEL OR SPRING	0.4	0.5	0.7	0.7
	622130	SHIFT DETENT (CLICK), SPRING, OR ROLLER	0.4	0.4	0.4	0.4
	622135	FAST IDLE DETENT (CLICK), SPRING, OR ROLLER	0.2			
	622140	REMOTE CONTROL HANDLE OR GRIP	0.4	0.4	0.4	0.4
	622145	REMOTE CONTROL HANDLE, SPRING ON LOCK LEVER	0.6	0.6	0.6	0.6
	622150	CONTROL BOX COVER "B"	0.2	0.2	0.2	0.2
	622155	ELECTRIC REMOTE CONTROL CABLE ASSEMBLY	0.7	0.7	0.7	0.7
	6221H3	ELECTRIC PARTS CASE		0.7		

GAUGES	732100	TACHOMETER	0.5	0.5	0.5	0.5
	732105	HOUR METER	0.5	0.5	0.5	0.5
	732110	TRIM METER	0.5	0.5	0.5	0.5
	732115	VOLTMETER	0.5	0.5	0.5	0.5
	732120	SPEEDOMETER	0.5	0.5	0.5	0.5

CLASSIFICATION	CODE NO.	DESCRIPTION WORK	BFT60A BFTW60A BFT75A BFT90A	BFT115A BFT150A	BFT200A BFT225A	BFT250A
	732125	WATER PRESSURE GAUGE	0.5	0.5	0.5	0.5
CONTROLS	8101A7	SHIFT LEVER	0.2			
	8101E4	STEERING HANDLE	1			
	8101T7	THROTTLE GRIP, PIPE, OR REEL	0.2			
CABLES	8111C8	THROTTLE CABLE/ROD	0.5	0.5	0.6	0.6
DIAGNOSTIC & TEST	Y-1	DIAGNOSTIC	1	1	1	1
	Z-1	TEST RUN	1	1	1	1
CAMPAIGN	1101T9	BFT200-250A CRANK SHAFT ISSUE			13.5	13.5
	1111S7	CAMSHAFT PULLEY - LEFT BANK			1.2	1.2
	3121N1	BFT115-250A FLOAT ISSUE		0.6	1.8	1.8